

Serial No.: 10/737,421
Docket No.: AO720B

Examiner: T. Phan
Art Unit: 2841

CLAIM AMENDMENTS

Claim 1. (Currently amended) An electronic device that includes functionality to perform at least two functions, a first of which is at least timekeeping and the other of which is at least a function ~~other than timekeeping~~ related to a sensed condition, wherein the electronic device comprises a multilayered module comprising:

a frame having a frame surface;

a first printed circuit board which includes means relating to at least the timekeeping, wherein the first printed circuit board is intermediate the frame surface and a second printed circuit board;

a battery compartment dimensioned for receiving a battery, wherein the battery compartment is asymmetrically positioned within the module thus creating a region above the first printed circuit board and proximate the battery compartment; and

a removable second printed circuit board physically separable from the first printed circuit board and including means for receiving and processing information related to the sensed condition ~~related to at least the function other than timing~~, wherein the second printed circuit board is securable within the module and positionable in the region;

wherein when the second printed circuit board is removed and replaced with another printed circuit board having means related to a sensed condition that is at least in part different from and/or in addition to the means of the second printed circuit board, the functionality of the electronic device is changed and/or modified.

Claim 2. (Original) The electronic device as claimed in claim 1, including at least one support member for at least in part supporting the second printed circuit board in the module.

Claim 3. (Original) The electronic device as claimed in claim 2, including a plurality of support members for at least in part supporting the second printed circuit board in the

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module, wherein at least one of the plurality of support members extends through the second printed circuit board and is electrically coupled to a top side mounted pad thereon.

Claim 4. (Original) The electronic device as claimed in claim 3, wherein at least one of the plurality of support members is electrically coupled to a bottom side mounted pad thereon.

Claim 5. (Original) The electronic device as claimed in claim 1, wherein the position of the battery compartment in the module at least essentially maximizes the region in which the second printed circuit board is positioned.

Claim 6. (Currently amended) An electronic device that includes functionality to perform at least two functions, at least one of which is a function related to a sensed condition, wherein the electronic device comprises a multilayered module comprising:

a frame having a frame surface;

a first printed circuit board which includes means relating to at least the first function, wherein the first printed circuit board is intermediate the frame surface and a second printed circuit board;

a battery compartment dimensioned for receiving a battery, wherein the battery compartment is asymmetrically positioned within the module thus creating a region above the first printed circuit board and proximate the battery compartment; and

a removable second printed circuit board physically separable from the first printed circuit board and including means for receiving and processing information related to the sensed condition ~~related to at least the function in addition to or different from the first function~~, wherein the second printed circuit board is securable within the module and positionable ~~positionable~~ in the region;

wherein when the second printed circuit board is removed and replaced with another printed circuit board having means related to a sensed condition that is at least in part different from and/or in addition to the means of the second printed circuit board, the functionality of the electronic device is changed and/or modified.

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Claim 7. (Previously presented) The electronic device as claimed in claim 1, wherein the second printed circuit board is removed and replaced without removing the first printed circuit board.

Claim 8. (Previously presented) The electronic device as claimed in claim 6, wherein the second printed circuit board is removed and replaced without removing the first printed circuit board.

Claim 9. (New) The electronic device as claimed in claim 1, wherein the sensed condition is selected from the group consisting of direction, altitude, heart rate, speed, distance, and combinations of the foregoing.

Claim 10. (New) The electronic device as claimed in claim 6, wherein the sensed condition is selected from the group consisting of direction, altitude, heart rate, speed, distance, and combinations of the foregoing.

Claim 11. (New) An electronic device that includes functionality to perform at least two functions, wherein the electronic device comprises a multilayered module comprising:

- a frame having a frame surface;

- a first printed circuit board which includes means relating to at least the first function, wherein the first printed circuit board is intermediate the frame surface and a second printed circuit board;

- a battery compartment dimensioned for receiving a battery, wherein the battery compartment is positioned within the module thus creating a region above the first printed circuit board and proximate the battery compartment;

- a removable second printed circuit board physically separable from the first printed circuit board and including means related to at least the function in addition to or different from the first function, wherein the second printed circuit board is securable within the module and positionable in the region; and

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a controller that electronically interfaces with both the first printed circuit board and the second printed circuit board;

wherein when the second printed circuit board is removed and replaced with another printed circuit board having means at least in part different from and/or in addition to the means of the second printed circuit board, the controller electronically interfaces with the replacement printed circuit board and the functionality of the electronic device is changed and/or modified.

Claim 12. (New) An electronic device that includes functionality to perform at least two functions, wherein the electronic device comprises a multilayered module comprising:

a frame having a frame surface;

a first printed circuit board which includes means relating to at least the first function, wherein the first printed circuit board is intermediate the frame surface and a second printed circuit board;

a battery compartment dimensioned for receiving a battery, wherein the battery compartment is positioned within the module thus creating a region above the first printed circuit board and proximate the battery compartment;

a removable second printed circuit board physically separable from the first printed circuit board and including means related to at least the function in addition to or different from the first function, wherein the second printed circuit board is securable within the module and positionable in the region, and wherein the second printed circuit board is electrically connected to and interfaces with the first printed circuit board; and

wherein when the second printed circuit board is removed and replaced with a different printed circuit board having means at least in part different from and/or in addition to the means of the second printed circuit board which it replaces, the electronic device is functionally changed or modified.

Claim 13. (New) The electronic device as claimed in claim 12, including at least one support member for at least in part supporting the second printed circuit board in the module.

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Claim 14. (New) The electronic device as claimed in claim 12, wherein the second printed circuit board is removed and replaced without removing the first printed circuit board.

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